

SOOW Multi Conductor Cable

Cablcon SOOW cable is a heavy-duty portable power service cord designed with an oil-resistant jacket, oil-resistant insulation, weather and water resistance. This 90°C, 600 Volt multi-conductor cable is commonly used in motor leads, temperature control systems, fire alarms, portable lighting and is suitable for outdoor and industrial use as well. It features fully annealed Class K stranded bare copper conductors (18 to 2 AWG) with premium-grade, color-coded EPDM insulation and a durable black Carolprene® jacket rated for -40°C to +90°C. This cord offers excellent flexibility, resistance to oil, moisture, abrasion, ozone, UV, and general weathering.



Applications

- Designed for use with portable tools, appliances, small motors and related equipment
- Ideal for immersion when properly sealed and terminated
- Suitable for environments requiring:
 - Ozone, sunlight (UV) and weather resistance
 - Water and oil resistance
 - High flexibility and durability

Construction

- Conductor: 18 AWG – 2 AWG fully annealed Class K stranded bare copper
- Insulation: Premium-grade, color coded EPDM rated
- Jacket: Carolprene® black
- Markings:
 - Print type: Inkjet
 - "PRYSMIAN CAROL® (SIZE) (mm2) 90°C (UL) WATER RESISTANT SOOW CSA (-40°C) FT2 P-7K-123033 MSHA 600 VOLT ROHS ORIGIN USA"

Features

- Voltage: 600V
- Temperature Ratings:
 - -40°C to +90°C
- Flame Performance: FT2
- Packaging:
 - 250' (76.2 m), 500' (152.4 m), 1000' (304.8 m)
 - Other put-ups available on special order

Standards & Certifications

- Made in America / Build America and Buy America Act (BABA)
- UL® Flexible Cord - UL® 62
- CSA Flexible Cord - C22.2-49
- MSHA Approved
- RoHS Compliant

No. of Conductors	Color Coding
2	white, black  
3	white, black, green   
4	white, black, red, green    
5	white, black, red, orange, green     

TYPE SOOW – 600 VOLT – UL/CSA

Part Number	CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL INS. THICKNESS (INCHES)	NOMINAL INS. THICKNESS (mm)	NOMINAL O.D. (INCHES)	NOMINAL O.D. (mm)	CURRENT AMPS†	APPROX. NET WT. (LBS/M')	STD. CTN.
SO1802OW-0/90C	02763	2	18	16/30	0.03	0.76	0.35	8.89	10	65	250'
SO1803OW-0/90C	02769	3	18	16/30	0.03	0.76	0.365	9.27	10	80	250'
SO1804OW-0/90C	02770	4	18	16/30	0.03	0.76	0.395	10.03	7	94	250'
SO1602OW-0/90C	02722	2	16	26/30	0.03	0.76	0.38	9.65	13	77	250'
SO1603OW-0/90C	02765	3	16	26/30	0.03	0.76	0.4	10.16	13	94	250'
SO1604OW-0/90C	02766	4	16	26/30	0.03	0.76	0.43	10.92	10	114	250'
SO1402OW-0/90C	02723	2	14	41/30	0.045	1.14	0.505	12.83	18	154	250'
SO1403OW-0/90C	02762	3	14	41/30	0.045	1.14	0.53	13.46	18	171	250'
SO1404OW-0/90C	02768	4	14	41/30	0.045	1.14	0.575	14.61	15	209	250'
SO1202OW-0/90C	02724	2	12	65/30	0.045	1.14	0.58	14.73	25	168	250'
SO1203OW-0/90C	02725	3	12	65/30	0.045	1.14	0.61	15.49	25	223	250'
SO1204OW-0/90C	02726	4	12	65/30	0.045	1.14	0.66	16.76	20	276	250'
SO1002OW-0/90C	02767	2	10	104/30	0.045	1.14	0.62	15.75	30	230	250'
SO1003OW-0/90C	02728	3	10	104/30	0.045	1.14	0.68	17.27	30	289	250'
SO1004OW-0/90C	2727	4	10	104/30	0.045	1.14	0.71	18.03	25	351	250'
SO803OW-0/90C	16063	3	8	133/29	0.06	1.52	0.855	21.72	40	450	250'
SO804OW-0/90C	16064	4	8	133/29	0.06	1.52	0.96	24.38	35	580	250'
SO805OW-0/90C	16065	5	8	133/29	0.06	1.52	1.05	26.67	28	700	250'
SO603OW-0/90C	16073	3	6	133/27	0.06	1.52	0.98	24.89	55	637	250'
SO604OW-0/90C	16074	4	6	133/27	0.06	1.52	1.09	27.69	45	830	250'
SO605OW-0/90C	16075	5	6	133/27	0.06	1.52	1.19	30.23	36	1015	250'
SO403OW-0/90C	16083	3	4	133/25	0.06	1.52	1.14	28.96	70	926	250'
SO404OW-0/90C	16084	4	4	133/25	0.06	1.52	1.26	32	60	1145	250'
SO405OW-0/90C	16085	5	4	133/25	0.06	1.52	1.325	33.66	48	1419	250'
SO203OW-0/90C	16093	3	2	133/23	0.06	1.52	1.33	33.78	95	1367	250'
SO204OW-0/90C	16094	4	2	133/23	0.06	1.52	1.46	37.08	80	1699	250'
SO205OW-0/90C	16095*	5	2	133/23	0.06	1.52	1.58	40.13	64	2066	250'

* Cord furnished with UL and CSA labels.

* Non-stock item minimum quantity purchase required.

* Green conductor for grounding only. Ampacities based on NEC Table 400.5(A)(1).

* Actual shipping weight may vary.